

GenCore version 4.5
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protein - protein search, using sw model

on: August 15, 2002, 16:15:10 ; Search time 39.61 Seconds
(without alignments)
718.400 Million cell updates/sec

File: US-08-779-457-2
Effect score: 6254
quence: 1 MICOKFCVLLHWEFIYIT.....QTCTQTHKIMENKMDLTV 1165

ring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

arched: 231628 segs, 24425594 residues

number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Minimum DB seq length: 2000000000

st-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

tabase : Issued_Patents_AA: *
1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep: *
2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep: *
3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep: *
4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep: *
5: /cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep: *
6: /cgn2_6/ptodata/2/1aa/backfiles1.pep: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	6254	100.0	1165	2	US-08-599-455B-4
2	6254	100.0	1165	4	US-09-069-781B-4
3	6246	99.9	1165	4	US-09-093-814-1
4	6246	99.9	1165	4	US-08-618-957A-11
5	6172	98.7	1165	2	US-08-640-389A-11
6	4819.5	77.1	958	4	US-08-618-957A-8
7	4819.5	77.1	960	1	US-08-355-888A-8
8	4819.5	77.1	960	2	US-08-693-697-8
9	4819.5	77.1	960	2	US-08-640-389A-3
10	4819.5	77.1	960	3	US-08-693-696-8
11	4816	77.0	908	2	US-08-693-697-33
12	4814.5	77.0	960	2	US-08-588-190-3
13	4814.5	77.0	960	4	US-08-618-957A-3
14	4814	77.0	896	4	US-08-618-957A-10
15	4814	77.0	898	2	US-08-618-957A-36
16	4814	77.0	906	4	US-08-618-957A-9
17	4799	76.7	908	2	US-08-588-526-3
18	4791.5	76.6	958	2	US-08-640-389A-8
19	4788	76.6	906	2	US-08-640-389A-9
20	4786	76.5	896	2	US-08-640-389A-10
21	4784.5	76.5	1162	4	US-08-803-346-1
22	4776.5	76.4	1162	4	US-08-827-962-15
23	4770.5	76.3	1162	2	US-08-599-455B-43
24	4770.5	76.3	1162	4	US-08-827-962-20
25	4770.5	76.3	1162	4	US-09-069-781B-43
26	3801	60.8	896	2	US-08-640-389A-12
27	3792	60.6	894	4	US-08-618-957A-12

28	3785	60.5	894	2	US-08-599-455B-2	Sequence 2, Appli
29	3785	60.5	894	4	US-09-069-781B-2	Sequence 2, Appli
30	3779	60.4	895	4	US-08-827-962-19	Sequence 19, Appl
31	3753	60.0	895	4	US-08-827-962-21	Sequence 21, Appl
32	3057	48.9	569	1	US-08-306-231-3	Sequence 3, Appli
33	421	6.7	77	4	US-08-803-346-64	Sequence 64, Appl
34	395	6.3	76	4	US-08-803-346-61	Sequence 61, Appl
35	377	6.0	77	4	US-08-803-346-62	Sequence 62, Appl
36	370	5.9	77	4	US-08-803-346-63	Sequence 63, Appl
37	345.5	5.5	918	2	US-08-825-558-6	Sequence 6, Appli
38	316	5.1	708	1	US-07-797-556-2	Sequence 2, Appli
39	316	5.1	708	1	US-08-308-881-2	Sequence 2, Appli
40	316	5.1	708	2	US-09-058-263-2	Sequence 2, Appli
41	316	5.1	708	2	US-09-059-099-2	Sequence 2, Appli
42	316	5.1	708	3	US-09-058-264-2	Sequence 2, Appli
43	316	5.1	708	5	PCR-US95-06530-2	Sequence 2, Appli
44	313	5.0	837	1	US-07-923-976-2	Sequence 2, Appli
45	309.5	4.9	75	4	US-08-803-346-60	Sequence 60, Appl

ALIGNMENTS

RESULT 1
US-08-599-455B-4
Sequence 4, Application US/08599455B
Patent No. 5972621
GENERAL INFORMATION:
APPLICANT: Tarcaglia, Louis A.
APPLICANT: Tepper, Robert T.
TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,455B
FILING DATE: 22-JAN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/583,153
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/570,142
FILING DATE: 11-DEC-1995
APPLICATION NUMBER: 08/569,485
FILING DATE: 08-DEC-1995
APPLICATION NUMBER: 08/566,622
FILING DATE: 04-DEC-1995
APPLICATION NUMBER: 08/562,663
FILING DATE: 27-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 07334/017001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1165 amino acids
TYPE: amino acid
TOPOLOGY: unknown

MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-08-599-455B-4

Query Match 100.0%; Score 6254; DB 2; Length 1165;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1165; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MICQKFCVLLHMEFYVITAENLSYPTTPMRKLSGMPNSTYDYFLBAGLSKNTS 60
DB 1 MICQKFCVLLHMEFYVITAENLSYPTTPMRKLSGMPNSTYDYFLBAGLSKNTS 60
QY 61 NGHYETAVERPKFNSGTHFSNLSKTFHCCFRSEODRNCSLCADNIEGKTFVSTVNSLV 120
DB 61 NGHYETAVERPKFNSGTHFSNLSKTFHCCFRSEODRNCSLCADNIEGKTFVSTVNSLV 120
QY 121 QOIDANWNIQCWLKGLKLFICYVESLFRNLFRNYKVHLLVLPVLEDSPLVPQKS 180
DB 121 QOIDANWNIQCWLKGLKLFICYVESLFRNLFRNYKVHLLVLPVLEDSPLVPQKS 180
QY 181 FQMVHCNCSVHECCCEIVPPTAKLNDTLMLCLKITSQGVIFQSPPLMSVQPINMVKPDP 240
DB 181 FQMVHCNCSVHECCCEIVPPTAKLNDTLMLCLKITSQGVIFQSPPLMSVQPINMVKPDP 240
QY 241 LGLHMEITDDGNLKSINSSPPLVPEPLQYQVKSSENSTVIREADKIVATSLLVDSILP 300
DB 241 LGLHMEITDDGNLKSINSSPPLVPEPLQYQVKSSENSTVIREADKIVATSLLVDSILP 300
QY 301 GSSYEVOVRGKRLDGPGLWSDMSTPRVFTQDVYIFPPKILTSVGSNVSFHCYKKENKI 360
DB 301 GSSYEVOVRGKRLDGPGLWSDMSTPRVFTQDVYIFPPKILTSVGSNVSFHCYKKENKI 360
QY 361 VPSKEIVMMNLAEKIPQSQYDVSDHVSQVTFENLNETKPRGKFTYDAYVCNEHECH 420
DB 361 VPSKEIVMMNLAEKIPQSQYDVSDHVSQVTFENLNETKPRGKFTYDAYVCNEHECH 420
QY 421 RYAEIYVIDVNIINISCEFDGYLTMTKCRWSTSTIOSLAESTLQLRHRSLSYCSIPS 480
DB 421 RYAEIYVIDVNIINISCEFDGYLTMTKCRWSTSTIOSLAESTLQLRHRSLSYCSIPS 480
QY 481 PISEPKDCYLQSDGYEFCIFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVYKPLP 540
DB 481 PISEPKDCYLQSDGYEFCIFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVYKPLP 540
QY 541 SSVKAEITINIGLKSINSEKVPENNLOFOIRYGLSGKEVQMKMEVYDAKSKSVSLPV 600
DB 541 SSVKAEITINIGLKSINSEKVPENNLOFOIRYGLSGKEVQMKMEVYDAKSKSVSLPV 600
QY 601 PDLCAVYAVOVRCKRLDGLGYWSNWSNPATYVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
DB 601 PDLCAVYAVOVRCKRLDGLGYWSNWSNPATYVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
QY 661 TLLMKPLMKNDLSLCSVQRYVINHHTSCNGTWEDEVGNHTKFTFLMTEQAHTVTLAINSI 720
DB 661 TLLMKPLMKNDLSLCSVQRYVINHHTSCNGTWEDEVGNHTKFTFLMTEQAHTVTLAINSI 720
QY 721 GASVANENLTFSPMSKVNIVQSLASAYPLNSSCVIVSNLSPDYKLMYFIEMKNLNE 780
DB 721 GASVANENLTFSPMSKVNIVQSLASAYPLNSSCVIVSNLSPDYKLMYFIEMKNLNE 780
QY 781 GEIKWLRISSSVKYYIHDHPIPIEKYQFSLYPIFMEGVGPKIINSFTQDDIEKHQSDA 840
DB 781 GEIKWLRISSSVKYYIHDHPIPIEKYQFSLYPIFMEGVGPKIINSFTQDDIEKHQSDA 840
QY 841 GLYIVPVISSSILLGLTLLSHQRMKLFWEDEVPRNKNCSWAQGLNFQKPEFHEHLEI 900
DB 841 GLYIVPVISSSILLGLTLLSHQRMKLFWEDEVPRNKNCSWAQGLNFQKPEFHEHLEI 900
QY 901 KHTASVTCGPILEPETISEDIVDTSMKNKDEMPPTVYSLSTDLKSGSVCSIDQFN 960
DB 901 KHTASVTCGPILEPETISEDIVDTSMKNKDEMPPTVYSLSTDLKSGSVCSIDQFN 960

QY 961 SVNSEAEGETVEYDESORQPFVKYATLISNKRSETGEEQGLINSVTKCFSSKNSPL 1020
DB 961 SVNSEAEGETVEYDESORQPFVKYATLISNKRSETGEEQGLINSVTKCFSSKNSPL 1020
QY 1021 KDSFNSWEIEAQAFLISDQHPNIIISPHLTFSEGLDELKLEGNFPEENNDKSIYYL 1080
DB 1021 KDSFNSWEIEAQAFLISDQHPNIIISPHLTFSEGLDELKLEGNFPEENNDKSIYYL 1080
QY 1081 GVTSIKKRESGLVLTDKSRVSCPEPAPCLFTDIRVQDSCHFEVENNINLGTSSKTPAS 1140
DB 1081 GVTSIKKRESGLVLTDKSRVSCPEPAPCLFTDIRVQDSCHFEVENNINLGTSSKTPAS 1140
QY 1141 YMFQFOTCSTQTHKIMENKCDLTV 1165
DB 1141 YMFQFOTCSTQTHKIMENKCDLTV 1165

RESULT 2

US-09-069-781B-4
Sequence 4, Application US/09069781B
Patent No. 6287782

GENERAL INFORMATION:

APPLICANT: Tartaglia, Louis A.
APPLICANT: Tepper, Robert I.
APPLICANT: Culpepper, Janice A.
APPLICANT: White, David W.

TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson, P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US

ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95

SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/069,781B
FILING DATE: 29-APRIL-1998

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/864,564
FILING DATE: 28-MAY-1997

APPLICATION NUMBER: US 08/708,123
FILING DATE: 03-SEP-1996
APPLICATION NUMBER: US 08/638,524
FILING DATE: 26-APR-1996

APPLICATION NUMBER: US 08/599,455
FILING DATE: 22-JAN-1996
APPLICATION NUMBER: US 08/583,153
FILING DATE: 28-DEC-1995

APPLICATION NUMBER: US 08/570,142
FILING DATE: 11-DEC-1995
APPLICATION NUMBER: US 08/569,485
FILING DATE: 08-DEC-1995

APPLICATION NUMBER: US 08/566,622
FILING DATE: 04-DEC-1995
APPLICATION NUMBER: US 08/562,663
FILING DATE: 27-NOV-1995

ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO: 4: